

## ENGINEERING HERITAGE AUSTRALIA WEBSITES

### ENGINEERING HERITAGE THEMES

(a historical listing of the industry/business areas of Australian engineering expertise)

Sorted by Industry:

Engineering Heritage Theme	Sub-Theme/Category	Included Terminology
<b>Engineering and Technology</b>	Leadership and Management Knowledge Research and Development	Boards, Governance, Environmental Management, Institutions, Sustainability Universities, Colleges, Standards, Planning, Design, CAD, Processes, Systems Astronomy, Medical, Machinery, Materials
<b>Mineral Resources</b>	Mining Conveyance Treatment	Underground, Open Cut, Dredging, Quarries, Crushing, Screening Haul Roads, Conveyors, Railways, Slurry Pipelines Copper, Diamonds, Gold, Iron, Lead, Lithium, Mineral Sands, Silver, Tin, Uranium, Zinc
<b>Energy</b>	Coal Oil and Gas Nuclear Renewables	Brown, Coking, Thermal Producer Gas, Oil & Gas Fields, LNG, Fracking, Shale Oil Electricity, Medical Hydro, Solar, Wind, Waves, Tidal, Battery, Hydrogen
<b>Primary Industry</b>	Aquaculture Farms and Stations Machinery	Fish (ocean & pond), Oysters, Prawns Water Supply Systems (Farm Dams, Flood Irrigation, Sprinkler Irrigation, Drip Irrigation), Windmills, Fencing Tractors, Tillers, Planters, Harvesters, Storage, Processing, Abattoirs, Refrigeration
<b>Secondary Industry</b>	Refineries Materials Heavy Industry Manufacturing	Chemicals, Oil, Sugar Alloys, Composites, Concrete, Iron, steel, Non-ferrous, Plastics, Timber Blast Furnaces, Explosives, Fertilizers, Foundries, Steel Mills, Cement Works Aircraft, Car and Ship Building, Railway/Tramway Engines & Rolling Stock, Consumer/White Goods
<b>Civics and Buildings</b>	Civics Commercial Industrial Residential	Art Galleries, Churches, Court Houses, Libraries, Museums, Recreational, Stadiums, Theatres, Public Spaces Shopping Centres, Office Buildings Factories, Warehouses Apartments, Houses
<b>Transport - River, Rail and Road</b>	River Rail Road	Canals, Locks, Wharves, Ferries, Paddle Steamers Railway Construction, Trains, Trams, Bridges, Tunnels, Stations, Signalling, Workshops Road Construction, Main Roads, Freeways, Bridges (including Pedestrian), Tunnels
<b>Transport - Sea, Air and Space</b>	Sea Air Space	Breakwaters, Jetties, Ports, Harbours, Wharves, Docks, Slipways, Ship Loaders, Lighthouses Airfields, Air Terminals, Hangers, Air Traffic Control Rockets, Satellites, Capsules, Space Station, Space Missions
<b>Electricity</b>	Applications Generation Transmission	Lighting, Motors, Appliances Coal, Gas (see Energy Renewables for Hydro, Solar, Wind) Network, Transformers
<b>Information, Telecommunications and Electronics (ITE)</b>	Telegraph and Telephone Broadcast Wireless and Digital Computing and Control Systems	Cables, Lines, Repeaters, Networks, Repeaters, Exchanges Radio, Television, Production, Transmission Long Wave, Medium Wave, Short Wave, Microwave, Optic Fibre, Mobile Mainframe, Desktop, Laptop, Mobile, Hardware, Networks, Software, Instrumentation
<b>Water</b>	Flood Protection Irrigation Wastewater Water Supply	Flood Storage, Levees, River Works, Drains, Compensating Basins, Pipelines, Drainage Recycling Dams, Channels, Piping, Pumping Sewers, Pumping Stations, Treatment Plants, Outfalls, Wastewater Recycling Bores, Dams, Desalination, Pumps, Pipelines, Reservoirs, Treatment
<b>Defence</b>	Army Navy Air Force Weapons	Army Barracks, Training Grounds Naval Bases, Ships, Submarines Air Base, Aircraft Coastal Defences, Artillery, Tanks, Army Vehicles, Bombs, Missiles